



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 7, 2015

Jessica Goldberg
Chemsico, Division of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114

Subject: Notification per PRN 98-10 – Adding an alternate brand name and marketing statements
Product Name: Chemsico Home Insect Control LN
EPA Registration Number: 9688-313
Application Date: April 27, 2015
Decision Number: 503971

Dear Ms. Goldberg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records. The alternate brand name “Black Flag Flea & Tick Spray Plus Growth Regulator Home Treatment” has been added to the product record.

If you have any questions, you may contact Julie Chao at (703) 308-8735 or via email at chao.julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

Kable Bo Davis, Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

Chemsico

Home Insect Control LN

ALTERNATE BRAND NAME: Black Flag Extreme Flea Killer Spray Plus Growth Regulator
 Black Flag Flea and Tick Spray
 Black Flag Flea and Tick Spray Plus Growth Regulator
Black Flag Flea & Tick Spray Plus Growth Regulator Home Treatment

Active Ingredient:

Lambda-Cyhalothrin..... 0.01%
 Pyriproxyfen.....0.01%
 Other Ingredients 99.98%

Nylar® is a Registered Trademark of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

CAUTION. See side [back] for additional precautionary statements.

NET [CONTENTS] 1 GALLON (3.7L); 1qt (946mL)

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Intended for indoor home use only. **Do not use on pets.**



Do not allow people or pets to enter treated areas until spray has dried.

INDOORS [Graphic showing Indoor treatment sites.]

To kill fleas, thoroughly vacuum area to be treated. Adjust spray to create a fine spray. Treat carpeted areas and baseboards of hard surfaced floors. Evenly apply a fine mist or spray to carpets, rugs, drapes, and surfaces of upholstered furniture by using a wide sweeping motion. Also spray floors underneath furniture, sofas, chairs and beds. Do not saturate surfaces. Treat or thoroughly wash pet bedding, a primary hiding place for fleas. Repeat as necessary. **Do not spray humans or pets with this product.** For long-term flea control, apply 1 gallon per 750 square feet. [One quart per 187.5 square feet]

To kill other crawling insects, including ants*, cockroaches, ticks, spiders**, silverfish and crickets spray directly on pests.

* Except Fire and Pharaoh Ants

** Except Black Widow and Brown Recluse Spiders

To kill carpet beetles, thoroughly spray along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else insects are seen or suspected.

To kill dust mites, thoroughly vacuum entire room, concentrating on areas where dust mites congregate such as headboards, walls, floors, carpeting and baseboards. Apply as a spot treatment to those areas.

Note: Test inconspicuous sample of fabric or rug for staining before use. Check carpet manufacturer's warranty and care and maintenance information before using product on your specific brand of carpeting.

(Option A: Directions for Easy Action Pump)

[EASY ACTION PUMP [SPRAYER] Directions] [HOW TO USE THE EASY ACTION PUMP [SPRAYER]]

- For the initial use, remove the tie that is securing the handle to the base of the pump.
- REMOVE THE WAND** from the holster and **PULL THE HOSE** from the storage compartment.
- Make sure the sprayer wand is securely tightened to the spray handle. (Graphical representation.)
- TURN THE PUMP HANDLE CLOCKWISE** to tightly seal the pump to the bottle and unlock the pump handle for pumping. (Graphical representation)

NOTIFICATION

9688-313

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

5/7/2015

5. **RAISE THE PUMP HANDLE FROM THE BOTTLE AND PUMP** until you begin to feel resistance. (Graphical representation)
6. Secure the pump handle for carrying by pushing the handle into the base of the pump and turn the handle counterclockwise one quarter turn to lock. (Graphical representation)
7. **BEGIN SPRAYING** by pushing down on the spray handle trigger. (Graphical representation)
8. **ROTATE THE NOZZLE AT THE TIP** of the wand to adjust the spray from a direct spray to a broadcast mist. (Graphical representation)
9. For continuous spray, push the trigger down and slide it forward to lock. **SLIDE THE TRIGGER BACK TO RELEASE** it from the lock position.

Note: If sprayer does not function properly, remove nozzle cover and check nozzle and holes in rubber component for obstructions. Replace nozzle cover and use as instructed above.]

(Option B: Directions for Easy Action Pump)

[EASY ACTION PUMP [SPRAYER] Directions] [HOW TO USE THE EASY ACTION PUMP [SPRAYER]]

1. For the initial use, remove the tie from the handle and the base of the pump.
2. **REMOVE THE WAND** from the holster and **PULL THE HOSE** from the storage compartment.
3. **TURN THE PUMP COLLAR CLOCKWISE** to make sure the pump is tightly sealed on the bottle. (Graphical representation)
4. **TURN THE PUMP HANDLE COUNTERCLOCKWISE** one-eighth turn to release the handle.
5. Raise the pump handle from the bottle and pump until you begin to feel resistance (10-20 pumps). (Graphical representation)
6. When you begin to feel resistance, push the pump handle into the base of the pump and turn the handle clockwise one-eighth turn to secure it for carrying.
7. Once the pump handle is secured **BEGIN SPRAYING** by pushing down on the spray handle trigger. (Graphical representation)
8. **ROTATE THE NOZZLE AT THE TIP** of the wand to adjust the spray from a direct spray to a broadcast mist. (Graphical representation)

Note: If sprayer does not function properly, remove nozzle cover and check nozzle and holes in rubber component for obstructions. Replace nozzle cover and use as instructed above.

SHAKE WELL BEFORE USING]

[SPRAYER INSTRUCTIONS]

[How to prime and care for your sprayer:]

1. After shaking product well, remove cap from container and replace with sprayer hose and cap assembly. Tighten securely.
2. Turn sprayer nozzle one half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10 - 15 times until product is dispensed. Adjust nozzle to fine spray or jet stream as needed.
3. To store, turn nozzle to "OFF" position and [store with sprayer above level of liquid in container to prevent leakage] [store sprayer on hook located near bottle handle to prevent leakage].
4. Avoid contamination of food, feedstuffs and domestic water supplies. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

[OPTIONAL DIRECTIONS FOR TRIGGER SPRAYER PRODUCT]

HOW TO USE

1. Shake well before each use.
2. Adjust nozzle to narrow fan spray, to prevent excessive wetting and waste of product. Spray just enough to cover area to be treated.
3. Avoid contamination of food, feedstuffs and domestic water supplies. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

[OPTIONAL DIRECTIONS FOR NESTED SPRAYER APPLICATOR]

HOW TO USE

1. Shake well before each use.
2. Pull tab outward.
3. Rotate lock ring counterclockwise to unlock.
4. Pull sprayer to uncoil tubing.
5. Turn sprayer nozzle one half turn counter-clockwise. Hold sprayer below the level of container and prime by pumping trigger 10 - 15 times until product is dispensed. Adjust nozzle to fine spray or jet stream as needed.
6. To store, turn nozzle to "OFF" position and return sprayer to bottle opening.
7. Drape tubing through slot in the spray handle.
8. Turn lock ring clockwise to lock.
9. Avoid contamination of food, feedstuffs and domestic water supplies. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

[OPTIONAL DIRECTIONS FOR CAPTIVE SPRAYER PRODUCT]

HOW TO USE

BEFORE USE:

1. Shake well before each use.

2. Peel sticker from flip-top cap and open cap. Discard sticker.
3. Remove sprayer from its slot beneath the bottle handle and remove and discard plastic wrap. Pull black hose tip to completely extend tubing.
4. Firmly press black hose tip into opening in cap until it snaps into place.
5. Hold sprayer below the level of the container and prime by pumping trigger several times until product is dispensed.
6. Adjust nozzle to desired setting.

AFTER USE:

7. To store, turn sprayer nozzle off.
8. DO NOT disconnect hose.
9. Return sprayer to its slot. Hose can be pushed back into sprayer handle.

[OPERATING INSTRUCTIONS FOR EZ SPRAY™][AccuShot Sprayer Directions] (Option A)

1. Remove sprayer from side holder. [Unwrap the tubing] [Gently pull tubing out]. [Graphic depiction]
2. Remove seal from top of cap. Unplug cap. [Graphic depiction]
3. Securely snap the [green] plug into hole on cap. [Graphic depiction]
4. Remove plastic tab near [top] [bottom] of sprayer to activate batteries. [Graphic depiction]
5. Twist nozzle to adjust spray from CLOSE to SPRAY or STREAM. [Graphic depiction]
6. [When priming the sprayer, hold sprayer level to the ground. Sprayer may not prime if it is held at an angle. Once primed, it will spray in any direction. (Graphical representation.)]

[AccuShot Sprayer Directions] (Option B)

1. Remove cap and replace with reusable AccuShot Sprayer. Make sure sprayer cap is tightly closed before use
2. Twist nozzle to adjust spray from CLOSE to SPRAY or STREAM. [Graphic depiction]
3. [When priming the sprayer, hold sprayer level to the ground. Sprayer may not prime if it is held at an angle. Once primed, it will spray in any direction. (Graphical representation.)]

HOW TO USE THE EZ SPRAY™ [AccuShot Sprayer]

- Aim toward target [site] [area to be treated], and away from people and pets.
- [To improve accuracy, use slider to extend wand.][Use slider to extend wand and to improve accuracy.]
- Press the trigger to spray.
- Release the trigger to stop spray.

After use: 1. Twist nozzle completely to CLOSE position. 2. Secure sprayer upright [tip down] in [holster] [holder]. 3. **Failure to adjust nozzle completely to CLOSE position and properly secure sprayer in [holster] [holder] may result in leakage and damage to property or injury to people or animals.**

[Keep reusable AccuShot sprayer for use with Chemsico Home Insect Control LN]

To replace batteries: 1. [Slide battery compartment door to unlatch and open.] [Use screwdriver to open battery compartment [Push release button near nozzle and lift up on battery hatch.] 2. Remove used batteries and insert [four] [two] new AA batteries **in correct positions** as marked per diagram inside of battery compartment. Never insert the positive end where the negative end belongs and vice versa. **Always** use a complete set of new batteries of the same type when replacing batteries. **Never** mix alkaline, carbon-zinc or rechargeable batteries. 3. Securely close battery compartment door. 4. **Always** follow manufacturer's recommendations for use and disposal of batteries.

Additional Operating Notes: • Do not submerge in water. • Before each use, inspect sprayer carefully, making sure hose is flexible and not kinked, worn or cracked, and that all connections are tight. • When storing sprayer for prolonged periods, remove batteries.

[AUTO TRIGGER [SPRAYER] DIRECTIONS]

1. Shake well before use.
2. Remove plastic tab near top of sprayer to activate batteries [graphic depiction]
3. Twist nozzle to adjust spray from CLOSE to SPRAY or STREAM. [graphic depiction]
4. [Press the trigger to spray]. Spray just enough to cover area to be treated. Avoid contamination of food, feedstuffs and domestic water supplies. All food-processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds and cover fish aquariums before spraying.
5. Release the trigger to stop spray.

Keep the reusable auto trigger [sprayer] for use on compatible refills.

STORAGE AND DISPOSAL

(For use with *Option A* [EASY ACTION PUMP [SPRAYER]])

Pesticide Storage: Slowly turn the pump handle counterclockwise to loosen the pump mechanism from the bottle to release pressure. Turn the handle back clockwise to seal the unit for storage. Turn the handle counterclockwise one quarter turn to lock the handle.

Push the hose back into the storage compartment. Place the wand back in the holster. Store this product in its original container in a secure storage area. **Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

(For use with *Option B* [EASY ACTION PUMP [SPRAYER]])

Pesticide Storage: Slowly turn the pump collar counterclockwise to loosen the seal and release pressure. Turn the collar back clockwise to retighten the seal. Push the hose back into the storage compartment. Place the wand back in the holster. Store this product in its original container in a secure storage area. **Pesticide Disposal and Container Handling: If empty:** Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

(For use with EZSPRAY Sprayer)

Pesticide Storage: Turn the nozzle to "CLOSE" position. To prevent leakage, attach sprayer to clip. Store this product only in its original container in a secure storage area away from sources of heat or open flame. Protect product from freezing.

Pesticide Disposal: If empty: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

(For use with AccuShot Sprayer)

Pesticide Storage: Turn the nozzle to "CLOSE" position. To prevent leakage, attach sprayer to clip. Store this product only in its original container in a secure storage area away from sources of heat or open flame and in an area inaccessible to children and pets. Protect product from freezing. **Pesticide Disposal:** Do not discard the AccuShot Sprayer. Keep the AccuShot Sprayer for use on Chemsico Home Insect Control LN. Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different (concentrated) product to be diluted in the container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

(For use with Auto Trigger [Sprayer])

Pesticide Storage: Store in original container in a cool, dry area away from heat or open flame and in an area inaccessible to children and pets. Keep from freezing.

Pesticide Disposal: Reusable Auto Trigger [Sprayer]: Do not discard. Keep the Auto Trigger [Sprayer] for use on Chemsico Home Insect Control LN. **If Empty:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

STORAGE AND DISPOSAL

Pesticide Storage: Store in cool dry area away from heat or open flame.

Pesticide Disposal and Container Handling: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

STORAGE AND DISPOSAL

Pesticide Storage: Turn the nozzle to "OFF" position and store with sprayer above the level of liquid in container to prevent leakage.

Pesticide Disposal and Container Handling: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice..

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

[**Questions or comments?** Call toll free 1-800-332-5553][or visit our website.]

[†If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

Made in the USA for Chemsico
Division of United Industries Corporation
P.O. Box 142642
St. Louis, MO 63114-0642

EPA Reg. No. 9688-313
EPA Est. No. 9688-MO-1 © 2014

List of Optional Marketing Claims

1. Kills Fleas (Adult and Pre-adult), Ticks, Dust Mites and Carpet Beetles
2. Kills Fleas and Ticks
3. Kills Fleas, Ticks and dust mites on contact
4. Kills Flea Eggs
5. Breaks the Flea Life Cycle [by preventing development into adult fleas]
6. Kills flea larvae and flea eggs
7. Stops flea eggs from developing into biting adults
8. Prevents flea infestation from hatching fleas for up to 210 days [7 months]
9. Prevents flea infestation for up to 210 days [7 months]
10. Kills hatching eggs for up to [7 months][210 days]
11. Contains Nylar®
12. One gallon treats 1600 sq ft
13. [XX fl oz] treats [XX sq ft]
14. Also kills cockroaches, ants*, spiders**, ticks and silverfish
15. Sprayer included
16. Ready-to-use
17. Easy to use ready spray
18. Clear Formula
19. Clear Formula – Non-staining
20. Non-Staining Clear Formula
21. Fast Acting
22. No lingering odor
23. No oily residue
24. Non-Staining
25. Water-based
26. [Leaves] no odor
27. Non-staining formula that leaves no odor
28. Where to Use: Treats broad areas such as carpets, upholstery, rugs and hard to reach places such as baseboards, and moldings,
29. †Guaranteed results [or your money back]
30. Continuous Spray
31. Increased Pressure for (5 [10] [X] Minute) Continuous Spray
32. Up to 5 [10] [X] minutes of Continuous Spray
33. Adjustable Spray Patterns for [Spot Application][Covers large area]
34. Extended Wand for Hard-to-Reach Areas
35. Locking Trigger Reduces Hand Fatigue
36. Easy Action Pump [Sprayer]
37. No Assembly Required]
38. Reusable Battery Sprayer
39. Reusable Auto Trigger [Sprayer]
40. For Use with Reusable Auto Trigger [Sprayer]
41. Refill
42. Continuous Action Power Sprayer
43. Continuous Power Trigger
44. Press and Hold Technology
45. [New] AccuShot •
46. [New] AccuShot Sprayer
47. [Just] Aim & Spray

- 48. Comfort-Power-Precision
- 49. With Extendable Wand [for improved accuracy]
- 50. With Adjustable Wand [for improved accuracy]
- 51. For use with Reusable AccuShot Sprayer
- 52. Reduces hand fatigue [when spraying around entire home]
- 53. [X] AA batteries included

Optional Marketing Language

[Chemsico Home Insect Control LN kills flea, ticks, carpet beetles [and] dust mites [and other listed crawling insects]. It contains a combination of active ingredients that kills adult fleas, as well as flea eggs and larvae. Nylar®, one of the active ingredients kills fleas by preventing them from developing into biting adults for up to [210 days] [7 months]. When used as directed this product will not stain furnishings or carpeting]

* Except Fire and Pharaoh Ants

** Except Black Widow and Brown Recluse Spiders

[FOR BEST RESULTS USE THIS PRODUCT AS PART OF A COMPREHENSIVE FLEA & TICK TREATMENT PLAN.]

An effective flea & tick control program includes simultaneous, coordinated treatment of the home, yard & pet. Treatment and prevention go hand in hand so it's key to treat all 3 areas. This integrated pest management approach involves inspection, cleaning, and targeting eggs, larvae & adults with the appropriate insecticides. Follow up treatments are almost always necessary as flea & tick problems will not be solved with just a one treatment approach.

[This product is for Home Treatment.]

Optional Products Facts Box

Where to Use: Treats broad areas such as carpets, upholstery, rugs and hard to reach places such as baseboards, and moldings,

How Much to Use: One gallon treats 1600 square feet. Do not saturate.

How Often to Use: Inspect area for fleas two weeks after initial treatment and reapply if necessary. If ticks are present, spray directly on ticks to kill.
